

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022018\
 Data File : VX000113.D
 Acq On : 20 Feb 2018 17:55
 Operator : JC/MD
 Sample : VX0220WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBL01

Quant Time: Feb 21 06:24:59 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	12477	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	75103	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	68302	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.08	65	30353	31.43	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.77%
60) 4-Bromofluorobenzene	11.15	95	32774	29.33	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.77%
63) Toluene-d8	8.73	98	90838	31.05	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.50%

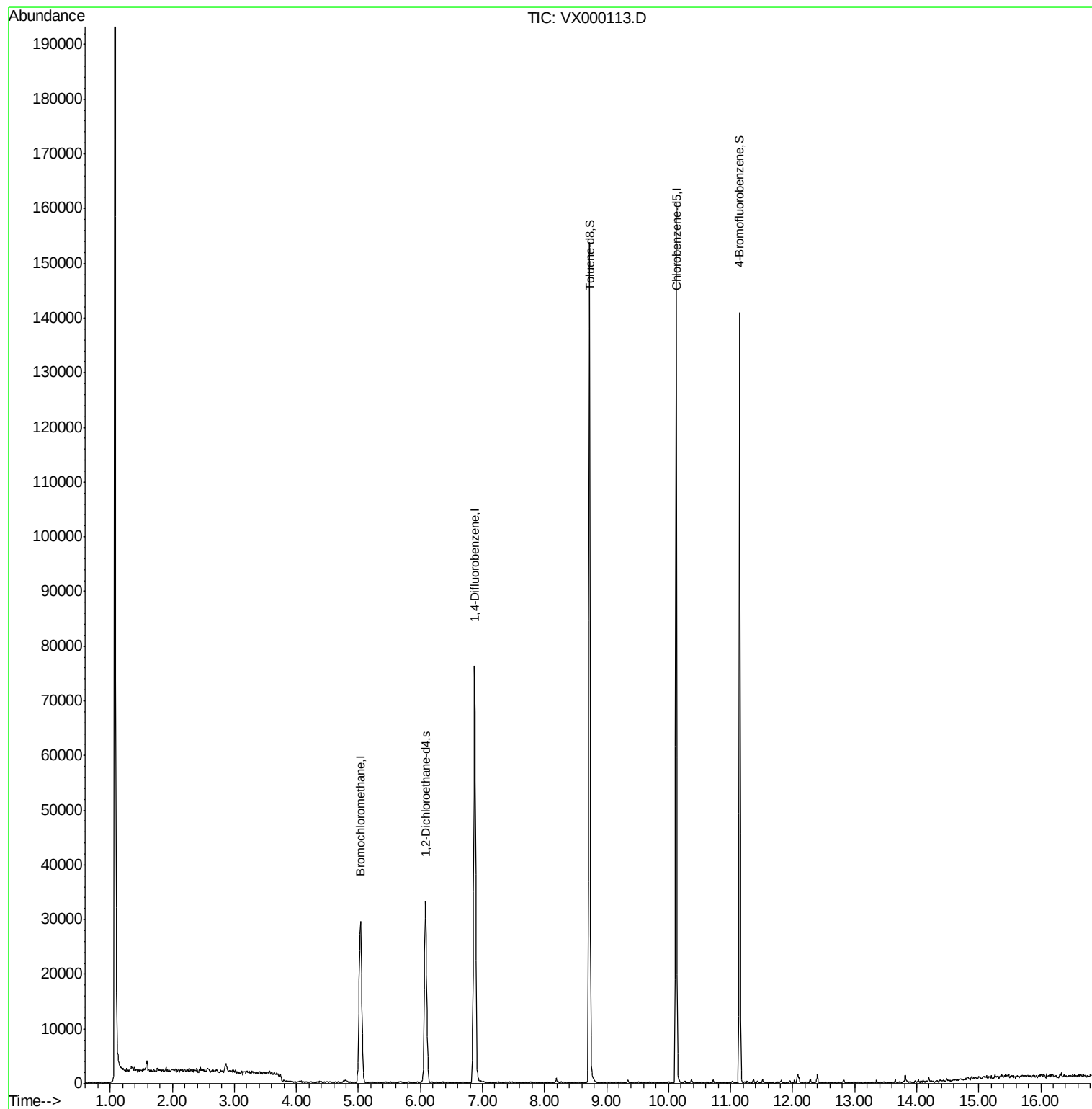
Target Compounds	Ovalue

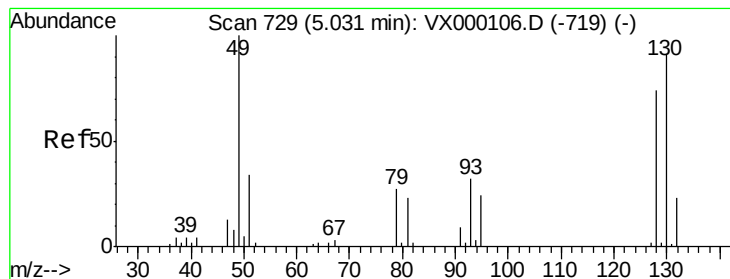
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 21 06:17:26 2018
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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.00 min

Lab File: VX000113.D

Acq: 20 Feb 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBL01

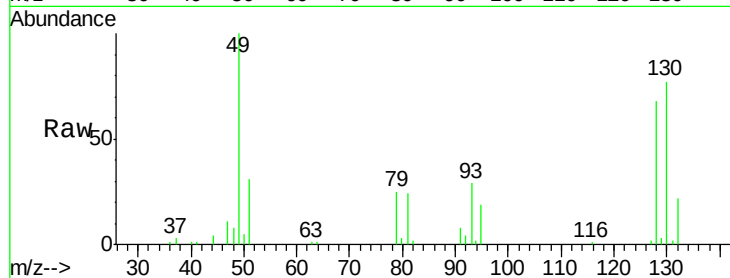
Tot Ion:128 Resp: 12477

Ion Ratio Lower Upper

128 100

49 154.3 0.0 378.3

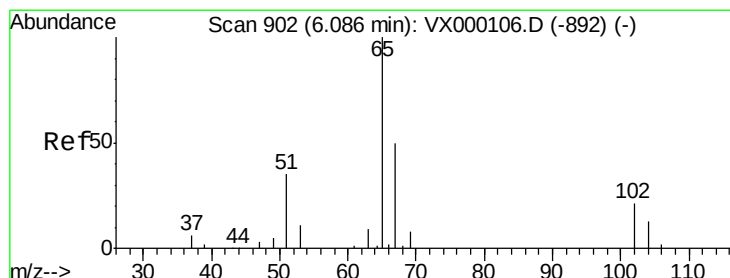
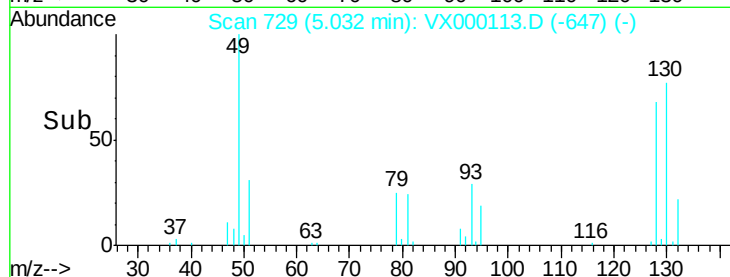
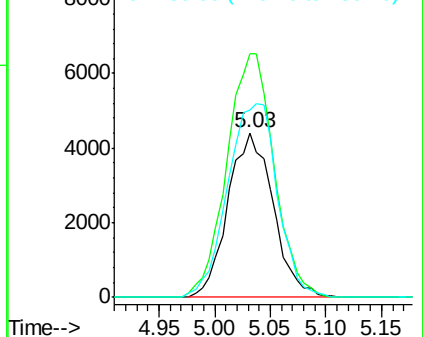
130 129.5 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: 31.43 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.01 min

Lab File: VX000113.D

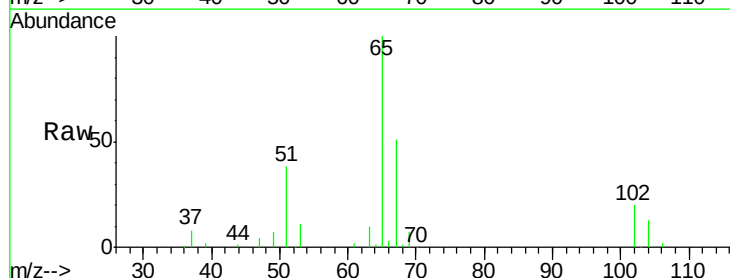
Acq: 20 Feb 2018 17:55

Tgt Ion: 65 Resp: 30353

Ion Ratio Lower Upper

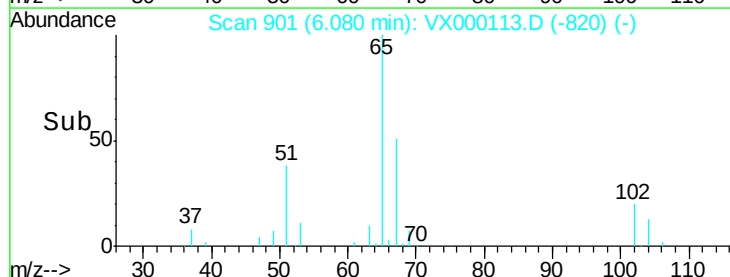
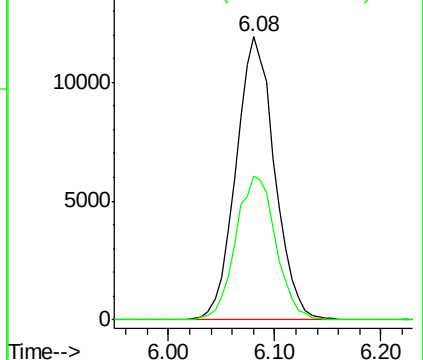
65 100

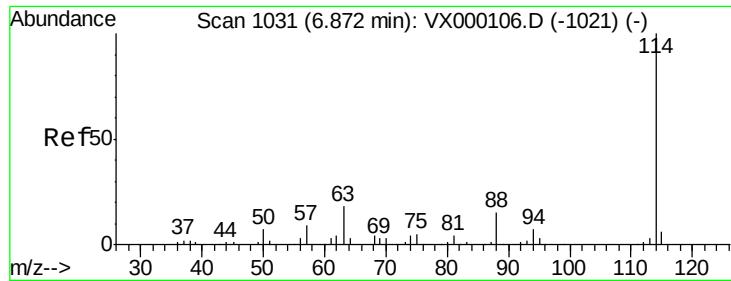
67 52.6 41.4 62.2



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

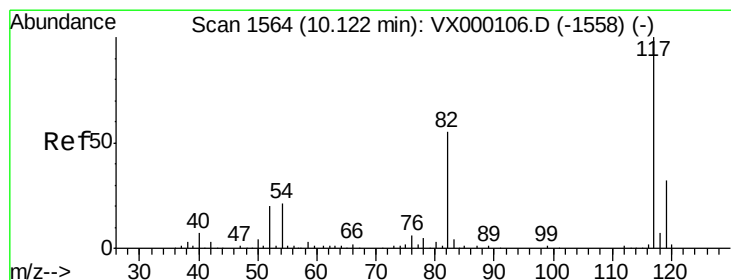
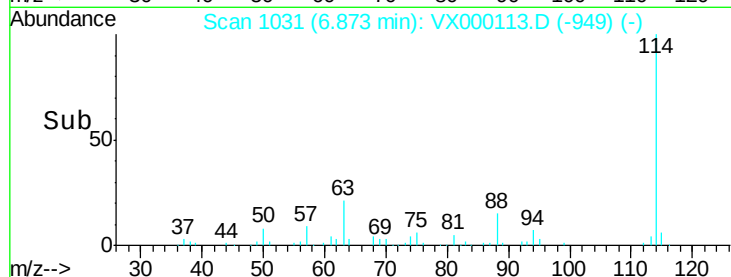
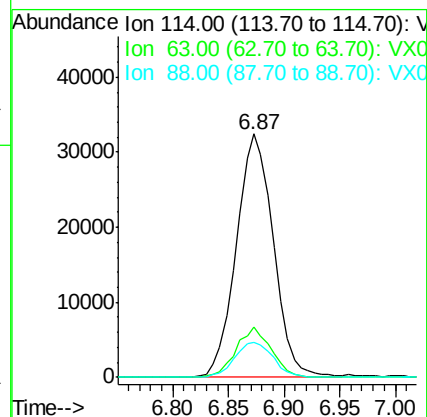
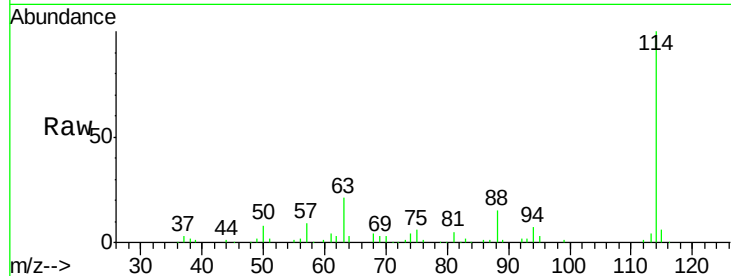




#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000113.D
 Acq: 20 Feb 2018 17:55

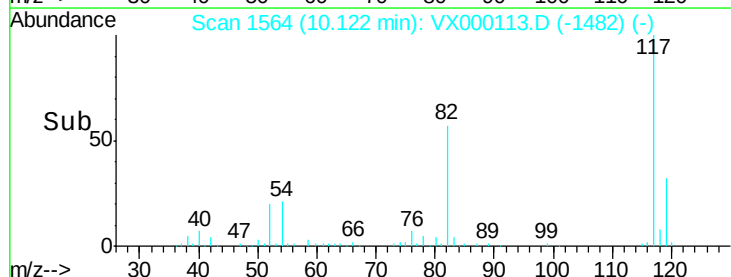
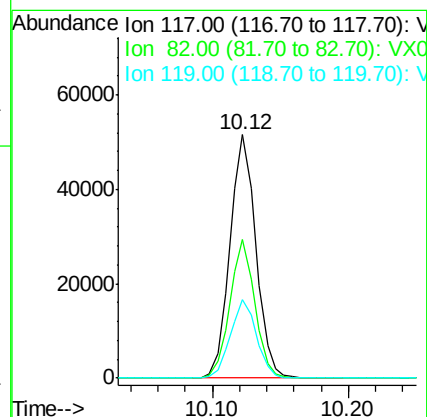
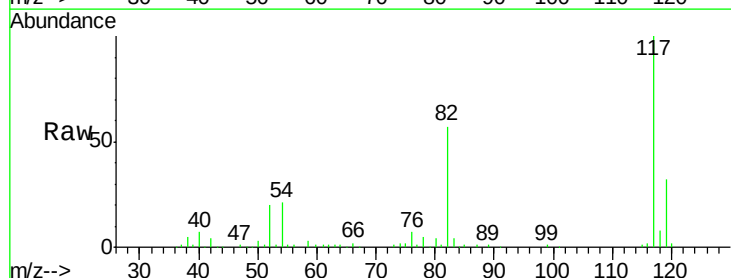
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBL01

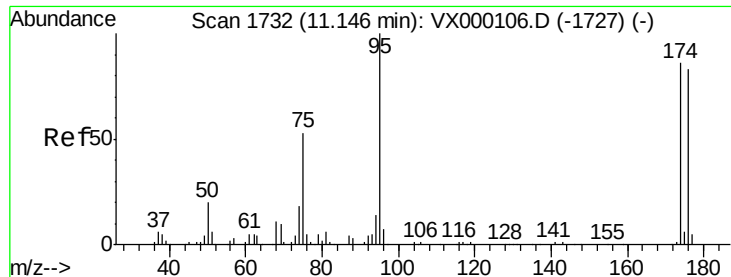
Tot Ion:114 Resp: 75103
 Ion Ratio Lower Upper
 114 100
 63 19.6 15.0 22.4
 88 14.8 11.8 17.8



#57
 Chlorobenzene-d5
 Concen: 30.00 ug/l
 RT: 10.12 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: VX000113.D
 Acq: 20 Feb 2018 17:55

Tgt Ion:117 Resp: 68302
 Ion Ratio Lower Upper
 117 100
 82 54.8 43.0 64.4
 119 32.4 25.8 38.8

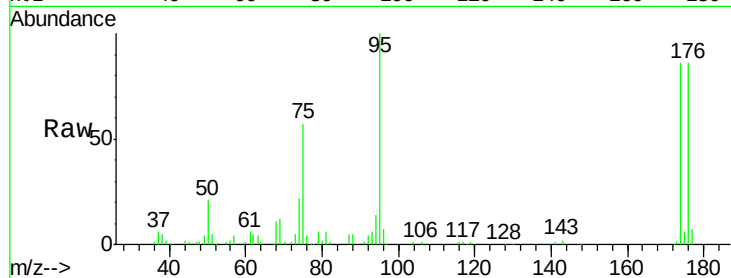




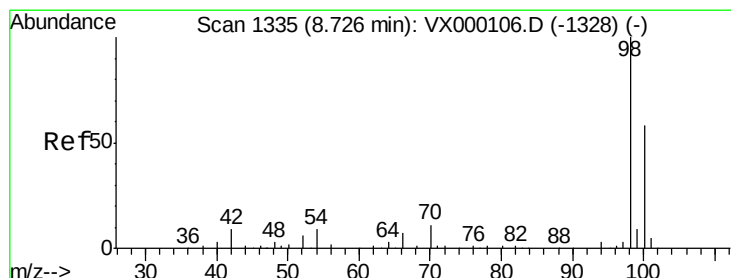
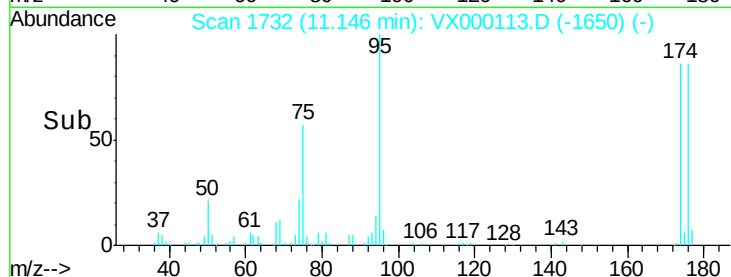
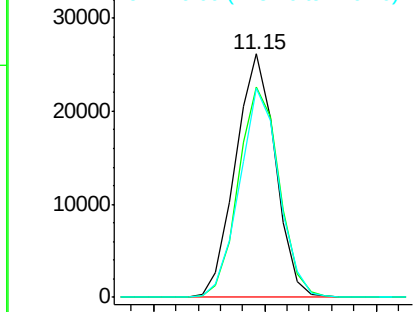
#60
4-Bromofluorobenzene
Concen: 29.33 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000113.D
Acq: 20 Feb 2018 17:55

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBL01

Tot Ion: 95 Resp: 32774
Ion Ratio Lower Upper
95 100
174 88.0 71.1 106.7
176 84.9 69.3 103.9

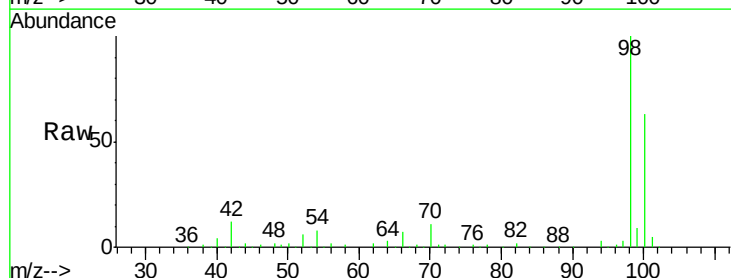


Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V



#63
Toluene-d8
Concen: 31.05 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000113.D
Acq: 20 Feb 2018 17:55

Tgt Ion: 98 Resp: 90838
Ion Ratio Lower Upper
98 100
100 63.8 50.0 75.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

